RAW SEQUENCE LISTING
ERROR REPORT

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Application Serial Number: _09/752,957E_

Source: _1FW/6_

Date Processed by STIC: _10/4/04_

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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , **EFS Submission User Manual - ePAVE**)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 05/17/04

IFW16

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 3 <110> APPLICANT: Shiuan, David
 5 <120> TITLE OF INVENTION: Yeast with High Biotin-Productivity and the Preparation
Method
 6       Thereof
 8 <130> FILE REFERENCE: 251410-1010
10 <140> CURRENT APPLICATION NUMBER: 09/752,957E
11 <141> CURRENT FILING DATE: 2001-01-02
13 <150> PRIOR APPLICATION NUMBER: TW 89120972
14 <151> PRIOR FILING DATE: 2000-10-07
16 <160> NUMBER OF SEQ ID NOS: 5
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1188
22 <212> TYPE: DNA
23 <213> ORGANISM: Candida utilis
25 <400> SEQUENCE: 1
26 atgtcgttta tattgactgc tattagtcgt ccgattgctc tttccacttc tagagtagct     60
28 tctagggcta ctctggcaac aggtgctact gctgctgcgg agatcttgga agatgtgttc    120
30 acggaacaaa tggaagaagt ggcttacag gagaagaagc caaacccatt ggaatatgca    180
32 ttgtcagtga agacaccagt caacacctgg accaaagaag aaattaaagc tatatatgac    240
34 acaccactca tggacttgat gcactatgct caggtgcaac acagaaggtt ccaacaacct    300
36 tcagaggttc aattgtgcac tcttatgaat atcaaaactg gtggttgtac cgaggactgt    360
38 aagtactgtg cccaatcaca gcgttacaac actggtgtca aggctgaaag aatcatccaa    420
40 gttgatgagg tgattgaagc tgcaaaggag gcaaaggcca atggatctac aaggttctgt    480
42 atgggtgctg cttggagaga gatgaaaggt agaaagtcaa acttgaagaa aatcaaagag    540
44 atgatcactg ctgtccatga ccttggaatg gagagttgtg tcaccctggg aatggttgat    600
46 aaagaccaag ccactgaatt gaaaagtgct gggttgacgg cgtacaacca taacattgat    660
48 acttacaagg aacactatcc aaaggtgatc tccacaagaa gctttgatga tagattgaaa    720
50 acattcaaaa acgttcaagg atctggatta aaggcatgca caggtggtat tcttggtctt    780
52 ggtgagaccc aagaggaccg tgtatctttc ctctacacct tggccacaat ggatcagcat    840
54 ccagagtctc ttccaatcaa cagactggtc ccaatcaagg gcacgccaat gtatgaagaa    900
56 gttaagaaca agcaagttga agttgatgag attgtcagaa ccattgctac tgcaagattg    960
58 gtcatgccaa cgtctattat cagattggct gcaggaagat atacaatgaa agaggcagaa   1020
60 caggtgatgt gcttcatggc tggttgtaat gccatcttca caggtaagaa aatgctcaca   1080
62 acaatgtgta acggctggga tgaggataaa gccatgttgg ctaaatgggg tctgaaacca   1140
64 atggagagtt tcaaatacaa accaagggag gttgcattcg gtgcttga                1188
67 <210> SEQ ID NO: 2
68 <211> LENGTH: 30
69 <212> TYPE: DNA
70 <213> ORGANISM: artificial sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: primer sequence
75 <400> SEQUENCE: 2
76 gaaagtcgac tcaagatctg tcgtacttaa                                     30
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RAW SEQUENCE LISTING   DATE: 10/04/2004
PATENT APPLICATION: US/09/752,957E   TIME: 11:22:26

Input Set : **A:\pto.lm.txt**
Output Set: **N:\CRF4\10042004\I752957E.raw**

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 79 <210> SEQ ID NO: 3
 80 <211> LENGTH: 21
 81 <212> TYPE: DNA
 82 <213> ORGANISM: artificial sequence
 84 <220> FEATURE:
 85 <223> OTHER INFORMATION: primer sequence
 87 <400> SEQUENCE: 3
 88 ccgcagttaa atcgacaact g                                          21
 91 <210> SEQ ID NO: 4
 92 <211> LENGTH: 23
 93 <212> TYPE: DNA
 94 <213> ORGANISM: artificial sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: primer sequence
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101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (4)..(4)
103 <223> OTHER INFORMATION: n is a, c, g, or t
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: (6)..(6)
108 <223> OTHER INFORMATION: n is a, c, g, or t
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (9)..(9)
113 <223> OTHER INFORMATION: R is A or G'
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (10)..(10)
118 <223> OTHER INFORMATION: Y is T or C
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (12)..(12)
123 <223> OTHER INFORMATION: Y is T or C
125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (18)..(18)
128 <223> OTHER INFORMATION: n is a, c, g, or t
130 <400> SEQUENCE: 4
131 tgtncngarg aytgyaanta ttg                                        23
134 <210> SEQ ID NO: 5
135 <211> LENGTH: 20
136 <212> TYPE: DNA
137 <213> ORGANISM: artificial sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: primer sequence
143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (3)..(3)
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"g" is at location 10 (handwritten annotation with circle around "Y is T or C" on line 118)

W--> (handwritten marking on line 131, with circle around "g")

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Input Set : A:\pto.lm.txt
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<223> OTHER INFORMATION: R is A or G'
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (6)..(6)
<223> OTHER INFORMATION: n is a, c, g, or t
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (8)..(8)
<223> OTHER INFORMATION: n is a, c, g, or t
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (9)..(9)
<223> OTHER INFORMATION: R is A or G'
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (12)..(12)
<223> OTHER INFORMATION: R is A or G'
<400> SEQUENCE: 5
gtrtcpanrt trtggttgta   20

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/04/2004
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Input Set : A:\pto.lm.txt
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lease Note:
se of n and/or Xaa have been detected in the Sequence Listing. Please review the
equence Listing to ensure that a corresponding explanation is presented in the <220>
o <223> fields of each sequence which presents at least one n or Xaa.

eq#:4; N Pos. 4,6,18
eq#:5; N Pos. 6,8

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L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0